

In the Claims

Please amend the claims as follows:

1. (Currently Amended)

~~An apparatus for forming building blocks from freshly dug soil wherein the apparatus comprises a casing having six sides;~~

~~the casing includes at least two apertures intended for the introduction and ejection of a quantity of soil;~~

~~the casing includes a cavity of adjustable dimensions wherein two opposing faces of said casing are adjustable within the remaining four sides;~~

~~the opposing faces within the casing are capable of travel within the entirety of said casing;~~

~~the opposing faces within the casing are capable of creating sufficient pressure against one another for the compression of a quantity of soil.~~

An apparatus for efficient forming of building blocks that are uniform in size and shape from freshly dug soil comprising:

a casing having six sides, said casing comprising at least two apertures for the introduction and ejection of a quantity of soil and a cavity of adjustable dimensions, wherein two opposing sides of said casing are adjustable within the remaining four sides of said casing for adjusting said dimensions of said cavity, said two opposing sides of said casing being capable of travel within the entirety of said casing and of creating sufficient pressure against one another for the compression of said quantity of soil;

mechanical means for compressing said quantity of soil within said casing to specific pressures between said two opposing sides to form said building blocks;

mechanical means for moving said two opposed sides within said casing;

mechanical means for ejecting said quantity of soil from said casing through said aperture by use of gravity after compression; and a programmable controller that controls said size and design of said building blocks by controlling said mechanical means for compressing, moving and ejecting whereby consistent compression is imposed on said quantity of soil.

2. (Currently Amended)

~~A method for the forming of building blocks from freshly dug soil wherein:~~

~~the method comprises a self enclosed linear process of receiving, moving, compressing and ejecting a quantity of soil;~~

~~the method comprises the introduction of a quantity of soil within a casing;~~

~~the casing includes a cavity of adjustable dimensions wherein two opposing faces of said cavity are formed from opposing faces of a casing with six sides;~~

~~the opposing faces of the cavity are adjustable within the remaining four sides of the casing;~~

~~a quantity of soil is displaced by means of said cavity in the casing to an area of compression within said casing;~~

~~the cavity is then reduced in size to cause the compression of a quantity of soil within;~~

a quantity of compressed soil is displaced by means of the reduced cavity in the casing to an ejection area within said casing;

the cavity is then increased in size to cause a quantity of compressed soil within to be ejected from the casing.

A method for the efficient forming of building blocks that are uniform in size and design from freshly dug soil by a self-enclosed linear process of receiving, moving, compressing and ejecting a quantity of soil comprising:

controlling said size and design of said building blocks formed by said self-enclosed linear process using a programmable controller and operable mechanical means;

introducing said quantity of soil into a casing using a vibratory device, wherein said casing comprises six sides and a cavity of adjustable dimensions having two opposing faces formed from two opposing sides of said casing, wherein said two opposing sides are adjustable within the remaining four sides of said casing for adjusting said dimensions of said cavity;

displacing said quantity of soil through said cavity in said casing to an area of compression within said casing;

compressing said quantity of soil within said casing by reducing said dimensions of said cavity;

displacing said quantity of soil after compression to an ejection area within said casing; and

ejecting said quantity of soil from said casing through gravity by increasing said dimensions of said cavity.

3. (Currently Amended)

Apparatus of claim 1, wherein the apparatus comprises a trailer which is wheeled, and mobile, and is of a size and nature such that it can be towed on roads, and can be maneuvered about a construction site.

4. (Currently Amended)

Apparatus of claim 1, wherein the apparatus comprises a casing having ~~seven~~ six sides or more, in which two opposing faces travel within said casing for the purpose of receiving, displacing, compressing and ejecting a quantity of soil.

5. (Original)

Apparatus of claim 1, wherein the apparatus comprises a casing cylindrical in nature through which two opposing faces travel within said casing for the purpose of receiving, displacing, compressing and ejecting a quantity of soil.

6. (Original)

Apparatus of claim 1, wherein the apparatus comprises a soil hopper.

7. (Original)

Apparatus of claim 1, wherein a plurality of said cases may be fastened to one another with the purpose of creating a higher volume of compressed soil blocks simultaneously that are uniform in size and design.

8. (Original)

Apparatus of claim 1, wherein cases of varying dimensions may be fastened to one another with the purpose of creating compressed soil blocks simultaneously that are varied in size and design.

9. (Original)

Method of claim 2, wherein the opposing faces of said cavity are moveable by an operable mechanical means.

10. (Original)

Method of claim 2, wherein opposing faces of said cavity are controlled by an operable command means, which is effective, when operated, to command the opposing faces between stages of operation.

11. (New)

Method of claim 2, wherein soil is introduced into said casing by a vibration means.

12. (New)

An apparatus for the efficient forming of building blocks that are uniform in size and design from freshly dug soil by a self-enclosed linear process of receiving, moving, compressing and ejecting a quantity of soil comprising:

means for controlling said size and design of said building blocks formed by said self-enclosed linear process using a programmable controller and operable mechanical means;

means for introducing said quantity of soil into a casing using a vibratory device, wherein said casing comprises six sides and a cavity of adjustable dimensions having two opposing faces formed from two opposing sides of said casing, wherein said two opposing sides are adjustable within the remaining four sides of said casing for adjusting said dimensions of said cavity;

means for displacing said quantity of soil through said cavity in said casing to an area of compression within said casing;

means for compressing said quantity of soil within said casing by reducing said dimensions of said cavity;

means for displacing said quantity of soil after compression to an ejection area within said casing; and

means for ejecting said quantity of soil from said casing through gravity by increasing said dimensions of said cavity